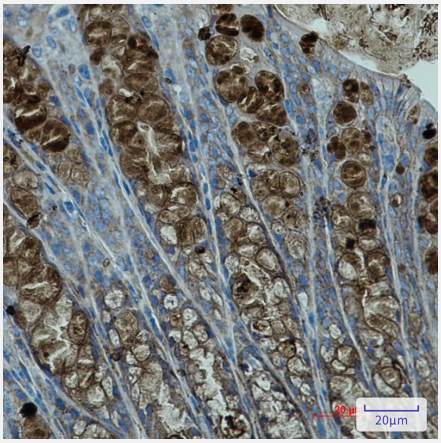
RecomAb™

PBK recombinant monoclonal antibody, clone R05-1B6

Catalog # RAB04897 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded mouse colon using PBK recombinant monoclonal antibody, clone R05-1B6 (Cat # RAB04897). High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human PBK.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human PBK.
Theoretical MW (kDa)	Calculated MW: 36 kD
Reactivity	Human, Mouse
Form	Liquid
Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity purification
Isotype	IgG

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Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:100) Immunoprecipitation(1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Immunoprecipitation

- Western Blot

Gene Info — PBK

Entrez GeneID	55872
Protein Accession#	Q96KB5
Gene Name	PBK
Gene Alias	FLJ14385, Nori-3, SPK, TOPK
Gene Description	PDZ binding kinase
Omim ID	611210
Gene Ontology	Hyperlink
Gene Summary	This genes encodes a serine/threonine kinase related to the dual specific mitogen-activated prot ein kinase kinase (MAPKK) family. Evidence suggests that mitotic phosphorylation is required for its catalytic activity. This mitotic kinase may be involved in the activation of lymphoid cells and sup port testicular functions, with a suggested role in the process of spermatogenesis. [provided by R efSeq

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Other Designations	MAPKK-like protein kinase|PDZ-binding kinase|T-LAK cell-originated protein kinase|serine/threonine protein kinase|spermatogenesis-related protein kinase

Disease

- Genetic Predisposition to Disease
- Kidney Failure
- Tobacco Use Disorder

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